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L3: Entry 1 of 13

File: USPT

Dec 26, 2000

US-PAT-NO: 6166176

DOCUMENT-IDENTIFIER: US 6166176 A

TITLE: Cancer marker protein and peptides thereof

DATE-ISSUED: December 26, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Radosevich; James A.	Rockford	IL	N/A	N/A

US-CL-CURRENT: 530/300; 424/277.1, 530/350

CLAIMS:

What is claimed is:

1. An isolated molecule consisting of amino acids in a sequence encoded by a cDNA molecule, said cDNA molecule consisting of the nucleotide sequence designated.
2. A vaccine comprising an isolated immunologically active molecule comprising an amino acid sequence selected from the group consisting of sequences encoded by a cDNA molecule with a nucleotide sequence shown in FIG. 1 and designated, the sequence shown in FIG. 2 and designated, the peptide Ala Pro Pro Glu Asp Asn Pro Val Glu Asp as shown in, the peptide Glu Glu Gln Gln Glu Val Pro Pro Asp Thr as shown in, the peptide Asp Gly Pro Thr Gly Glu Pro Gln Gln Glu as shown in, the peptide Gln Glu Asn Pro Asp Ser Ser Glu Pro Val as shown in combinations of members of the group.
3. An isolated molecule consisting of an amino acid sequence selected from the group consisting of Ala Pro Pro Glu Asp Asn Pro Val Glu Asp designated, Glu Glu Gln Gln Glu Val Pro Pro Asp Thr designated, Asp Gly Pro Thr Gly Glu Pro Gln Gln Glu designated, and Gln Glu Asn Pro Asp Ser Ser Glu Pro Val designated.
4. An isolated molecule consisting of amino acid residues 3-8 of SEQ. ID NO: 8.
5. The isolated molecule of claim 1 further defined as purified.
6. An isolated molecule consisting of an amino acid sequence designated.
7. A vaccine comprising an immunologically active molecule of claim 3.